



WEEK ENDING SEPTEMBER 6, 2013

OPP Weekly Activity Report

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- 6 *Screening Inhibition Program Model*
- 6 *Meeting to Discuss Risk Issues for Prallethrin Wide Area Mosquitocide*

IMMEDIATE OFFICE OF THE DIRECTOR

Feds Feed Families Under the leadership of Marty Monell and Lois Rossi, Co-Chairs of OPP's workgroup for the Feds Feed Families' campaign, OPP contributed a massive amount of food and non-perishable items. While the total tallies are not in, OPP's generous donations are inching towards two TONS.

PESTICIDE RE-EVALUATION DIVISION

Bromoxynil Final Work Plan Signed. On September 3, 2013, the Final Work Plan (FWP) for Bromoxynil (PC Codes 035301, 035302, and 128920) was signed. This case includes the active ingredients bromoxynil phenol, bromoxynil octanoate, and bromoxynil heptanoate. These three active ingredients (collectively, "bromoxynil") are postemergence broadleaf weed herbicides that are registered for use in grass crops and some tolerant broadleaf crops, as well as non-crop sites. Bromoxynil products are registered for use in both agricultural and commercial/industrial settings. Since the publication of the Bromoxynil PWP, immunotoxicity has been added to the list of planned data needs for data compensation purposes. An immunotoxicity study has been submitted to the Agency and is currently in review. Three parties commented on the Bromoxynil PWP: the FIFRA Endangered Species Task Force (FESTF), the Washington State Pest Management Resource Service at Washington State University Tri-Cities, and technical registrant Bayer CropScience. The submitted comments do not change the timeline or the planned ecological and human health risk assessments described in the PWP, but they do address the anticipated data requirements and supply use and usage data. (Margaret Hathaway, 703-205-5076)

Monosodium Methanearsonate (MSMA) Final Work Plan Signed. On September 3, 2013, the Final Work Plan (FWP) for the registration review of MSMA (Case 2395) was signed. A public comment was received regarding the Preliminary Work Plan (PWP) from the Organic Arsenicals Product Task Force (OAPTF). There are no updates since the PWP. MSMA is broad spectrum, organic arsenical herbicide registered to control grasses and broadleaf weeds in cotton and turf (i.e. golf courses, sod farms, and highway rights-of-way). MSMA cannot be used in Florida, except for on cotton in certain counties. The remaining uses on turf were to be phased out and prohibited after December 31, 2013 according to a 2009 Agreement in Principle with the technical registrants, which also provided for a scientific peer review of the carcinogenic mode of action (MOA) of inorganic arsenic (IAs) prior to the final phase-out. Because of a Congressional directive to the National Academy of Sciences (NAS) to evaluate the carcinogenic MOA of IAs, EPA and the MSMA registrants recently agreed to modify the 2009 Agreement to include the NAS as a potential peer review body. The FWP will be posted in the MSMA docket EPA-HQ-OPP-2013- 0107 (Garland Waleko, 703-308-8049)

OPP Holds Second Team Meeting for Registration Review of Methyl Bromide. On September 5, 2013, OPP staff from BEAD, EFED, HED, PRD, and RD held a meeting to discuss the methyl bromide problem formulation, scoping document, and preliminary work plan for registration review. The discussion focused on clarifying assessments to be conducted during registration review and consistency among the various OPP documents. Methyl bromide is a fumigant chemical used to control a wide range of pests during pre-plant soil applications, post-harvest treatment of commodities, and structural fumigation. The registration review docket for this chemical is scheduled to open in September 2013. (Susan Bartow, 703-603-0065)

First Team Meeting for Fenamidone. On Wednesday, September 4, 2013, the Fenamidone registration review team met to discuss the case for the first time. Fenamidone, a relatively new fungicide, is registered for use on a variety of vegetable crops, as a seed treatment for cotton, and for use on greenhouse-grown ornamentals. There are no residential uses. The registration review docket is scheduled to open in March 2014. Work on the registration review will be concurrent with work on pending registration actions to utilize OPP's resources effectively. (Christina Scheltema, 308-2201)

ANTIMICROBIALS DIVISION

On September 5, 2013 AD and BEAD met with representatives of Clorox to discuss the Agency's test methods for *Clostridium difficile* and Clorox's recent efforts to develop an in-house testing facility. The meeting included extensive scientific discourse on laboratory methods and reproducibility. Clorox identified several variables within the test method that they believe could cause problems with repeatability. Clorox agreed to work collaboratively with the Agency as *C. diff* testing further evolves. In accordance with this approach, Clorox expressed interest in attending the November workshop presented by BEAD's Microbiological Laboratory Branch. (Emily Mitchell, 703-308-8583)

FIELD & EXTERNAL AFFAIRS DIVISION

EPA Revamps Pet-Related Web Pages. The transformed Web pages related to pet flea and tick products are now available at www2.epa.gov/pets. We are communicating with the public about this new site via Twitter, Facebook and an OPP Update. EPA regional communication staff are planning to send Tweets with photos of the Regional Administrator or Deputy Regional Administrator with their pets. This effort is allowing removal of several Web pages from the current pesticide website. (Claire Gesalman, 308-3260)

OPP Briefs the House Agricultural Committee Staff on Worker Protection Proposals. FEAD and BEAD participated in a briefing with the House Agricultural Committee

Staff on the revisions to the Worker Protection Standard that OPP is readying for OMB review and proposal. Committee staff were primarily concerned with the burden that might be imposed on farms and questioned whether OPP had sufficient evidence that the current training was inadequate. They also questioned the use of epidemiological data to estimate the potential benefits of the rule and asked about the next steps of the process. They indicated that they would like to discuss the proposals with their stakeholders. (Kathy Davis, 308-7002; TJ Wyatt, 308-7228)

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

Office of Emergency Management (OEM) Request for Services. OEM has requested the OPP Microbiology Laboratory Branch maintain readiness to handle environmental samples from anthrax contaminated sites. Services include maintaining the Select Agent registration, practicing a Rapid Viability Polymerase Chain Reaction (RV-PCR) method for detection of *Bacillus anthracis*, training additional scientists to conduct the method, expanding the scope of the Select Agent registration to include OEM scientists, developing an SOP for handling unknown samples, and tracking and maintaining laboratory supplies, materials and equipment. A workplan has been developed for OEM's consideration for maintaining these capabilities and building capacity to respond quickly and efficiently to emergency situations. The laboratory is soliciting feedback from OEM on the workplan so that the work that is necessary in the remaining months of 2013 and for 2014 fiscal year can be clearly delineated, and OPP can evaluate the overall resource implications. (Susan Lawrence, 410-305-2954)

BEAD Presents OPP in a Nutshell to Cochran Thai Fellows. Stephen Smearman, an economist in BEAD, met with 15 economists from Thailand associated the Bank of Thailand, the Bank of Agriculture and Agricultural Cooperatives, and the University of Thailand's program on Cereal and Upland Crop Economic Research. The Fellows were visiting the U.S. under the Cochran Fellowship Program. The meeting was held at USDA in coordination with FAS. BEAD presented a broad overview of the Agency, the Office of Pesticide Programs and OPP's role in food safety and related international food safety work. The fellows were particularly interested in the process that Thai products imported into the U.S. undergo; how the U.S. determines if pesticides residues exceed the MRLs, what happens if there is an exceedance, and what standard does the U.S. require for domestic food stuffs that are exported to other countries such as the EU and Asian countries. (Stephen Smearman, 308-8113)

Kasugamycin Resistance Issues Discussed in a Meeting with FDA and CDC .

In 2011, Arysta Life Science submitted an application to US-EPA for section 3 registration of kasugamycin antibiotic to be used on apples, pears, walnuts, and fruiting vegetables (tomato and pepper) to control bacterial diseases. The

Registration Division is in final stage of making a decision on the above registrations and wanted to consult with FDA and CDC on resistance issues and resistance monitoring protocols. On September 5, 2013, BEAD participated in a conference call with RD, BPPD, HED, CDC, and FDA. In the meeting, the participants discussed a recently published (2012) research paper on the development of resistance in bacteria to kasugamycin in the field, transfer of resistance to human bacteria pathogens, and cross resistance in bacteria to different antibiotics. BEAD and BPPD facilitated the participants' understanding of the molecular basis of resistance development and transfer to other species of bacteria. CDC suggested screening of bacteria for resistance against antibiotics and cross resistance based on enzymatic activities. RD will be contacting the registrant on the issues. (Tara Chandgoyal, 308-8257)

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

Public Participation Action Published. The OPP ITRMD Web Team worked with PRD to post information about the EPA issuing a notice of receipt of requests by registrants to voluntarily cancel certain pesticide registrations. Included in this notice is a request from Nufarm SA to voluntarily cancel the last three remaining amitrole products registered for use in the United States. Comments will be accepted through February 24, 2014. For more information on the new action, please visit http://iaspub.epa.gov/apex/pesticides/f?p= CHEMICALSEARCH:31:0::NO:1,3,31,7,12,25:P3_XCHEMICAL_ID:1198 . (Mario Steadman, 703-305-8338)

Update on the Soil Fumigant Information for Communities. The ITRMD Web Team worked with PRD and FEAD to post new pages and update information about the Soil Fumigant Information for Communities web area. These pages were originally prepared to inform the community of Emergency Preparedness and Response Requirements, Community Outreach and Education Programs, etc. For more information, please visit the Soil Fumigant Tool Box Communities page at http://www.epa.gov/pesticides/reregistration/soil_fumigants/soil-fum-communities.html. (Carol Cotton, 703-305-5082)

Product Reregistration Web Page Updated. The ITRMD Web Team worked with PRD to post updated information on the list of pesticides that have completed product reregistration, and the "Goals and Status of Product Reregistration" area of the web page. Please visit the Product Reregistration home page for more details. <http://www.epa.gov/pesticides/reregistration/product-reregistration.htm> (Carol Cotton, 703-305-5082)

Pollinator Outreach Material Published. The OPP ITRMD Web Team worked with FEAD to publish the Pollinator Outreach Brochure developed by Region 4 and the University of Georgia Honey Bee Lab. This brochure describes how to protect beneficial bugs in urban gardens and yards. The brochure is available from the

Pollinator Protection web page, Additional Resources section at <http://www.epa.gov/pesticides/ecosystem/pollinator/index.html> . (Christine Tran, 703-305-1577)

OPP FOIA Request Status Report – Aug 26 – 30, 2013							
<i>Requests Received</i>		<i>Requests Closed</i>			<i>Requests Open</i>		
<i>FY13</i>	<i>This Week</i>	<i>FY13</i>	<i>FYTD</i>	<i>This Week</i>	<i>FY13</i>	<i>Prior Years</i>	<i>Total</i>
488	16	288	380	11	200	126	326

(Ana Espinoza, 703-347-0102)

ENVIRONMENTAL FATE & EFFECTS DIVISION

Screening Inhibition Program Model. On September 5, Hannah Yingling (EFED) briefed EFED's Terrestrial Exposure Tech Team on new developments regarding SIP-2 (Screening Inhibition Program). SIP-2 is intended to provide estimates of risk to non-target terrestrial organisms that ingest pesticide contaminated drinking water from treated fields. It will be used as a Tier 1 screening tool to determine if a higher tiered analysis is needed and will supersede the current SIP screening tool used in the problem formulation phase of registration review. The model includes two calculations for Estimated Exposure Concentrations (EECs): pesticide concentrations in puddles located on treated fields and pesticide concentrations in dew on treated plants. The dew component of the model has been completed, and the team is exploring a number of different formulas, including those used in PRZM, to model puddles. (Hannah Yingling, 703-347-0297).

HEALTH EFFECTS DIVISION

Meeting to Discuss Risk Issues for Prallethrin Wide Area Mosquitocide:

Representatives from HED (RAB2), EFED, and RD met with MGK to discuss the status of a risk assessment for the mosquito adulticide use of the insecticide prallethrin. The PRIA action consists of proposed label amendments to allow application in areas adjacent to crops, which is currently prohibited on the 2 registered mosquitocide labels. HED summarized the updated residential risk assessment completed for prallethrin uses, and discussed specific scenarios with risk estimates of concern; the discussion touched on information the registrant could provide to refine or inform the risk estimates. (Margarita Collantes, 305-7085; Karlyn Middleton; Doug Dotson; Christina Swartz)

REGISTRATION DIVISION

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Pyraclostrobin	BASF Corporation	7969-185	R170	9/5/2013	9/5/2013
		7969-186	R190		
		7969-187	R170		
		7969-247	R190		
		7969-258	R170		
		7969-289	R190		
		7969-291	R170		
Dominic Schuler, 703/347-0260					
The Herbicide Branch granted:					
2,4-D, 2-ethylhexyl ester	PBI/Gordon Corporation	2217-981	R310	8/26/2013	8/26/2013
Emily Hartman, 703/347-0189					
Fenoxaprop-p-ethyl	NuFarm Limited	35935-95	R351	9/3/2013	9/3/2013
Bethany Benbow, 703/347-8072					
The Insecticide Branch granted:					
Piperonyl butoxide	Envincio LLC	87276-33	R300	11/18/2013	9/3/2013
Imiprothrin	Chemsico	9688-315	R314	9/11/2013	9/3/2013
Linda DeLuise, 703/305-5428					
Fipronil	Repar Corporation	69361-42	R300	9/3/2013	9/3/2013
MGK 264	McLaughlin Gormley King Company	1021-1704	R340	10/30/2013	9/4/2013
Carmen Rodia, 703/306-0327					
Cyphenothrin	Sergeant's Pet Care Products, Inc.	2517-129 2517-130	R340	9/5/2013	9/5/2013
Boron sodium oxide, tetrahydrate	Nisus Corporation	64405-11	R340	9/6/2013	9/5/2013
Driss Benmhend, 703/308-9525					

The Insecticide-Rodenticide Branch granted:					
Abamectin	Cleary Chemicals, LLC	1001-83	R340	9/9/2013	9/4/2013
Jessica Rogala, 703/347-0263					
<p>R170 – Additional food use; R190 – Additional food uses; 6 or more submitted in one application; R300 – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackage of registered end-use or manufacturing-use product that requires no data submission or data matrix; R310 – New end-use or manufacturing use product; requires review of data package within RD; includes reviews and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy; R314 – New end use product containing two or more registered active ingredients never before registered as this combination in a formulated product; new product label is identical or substantially similar to the labels of currently registered products which separately contain the respective component active ingredients; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry, acute toxicity, public health pest efficacy, and/or child resistant packaging (2), (3); R340 – Amendment requiring data review within RD (e.g., changes to precautionary label statements, or source changes to an unregistered source of active ingredient) (2); and R351 – Amendment adding a new unregistered source of active ingredient.^{(2) (3)}</p>					